Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) Mobile agent system (1) for a communication unit ~~(5, 6, 7) of a~~ communication system, ~~with~~ comprising:

at least one mobile agent (3) comprising an allocated agent policy (8), in which migration parameters of the respective mobile agent are defined[[,]];

migration control means (16) for controlling the migration behavior of a mobile agent (3) in the communication system on the basis of a current migration policy of the mobile agent (3) and current parameters of the communication system; and

policy control means for selecting the current migration policy of the mobile agent on the basis of the allocated agent policy of the mobile agent and a system policy, which is a policy selected from a default system policy or an agent type specific policy.

B1

2. (Currently Amended) Mobile agent system (1) according to claim 1, characterized by

policy managing means (17) for storing ~~a~~ the system policy (11), in which migration behavior parameters for mobile agents (3) of the mobile agent system (1) are defined~~, and~~

~~policy control means (18) for selecting the current migration policy of a mobile agent (3) on the basis of the allocated agent policy (8) of the mobile agent (3) and the system policy (11)~~.

3. (Canceled)

4. (Previously Presented) Mobile agent system (1) according to claim 2, characterized in,

that the policy control means (18) selects the current migration policy of a mobile agent (3) depending on the type of the provided policies.

5. (Previously Presented) Mobile agent system (1) according to claim 2, characterized in,

that the policy control means (18) selects the current migration policy of a mobile agent (3) depending on additional priority parameters of the provided policies.

6. (Previously Presented) Mobile agent system (1) according to claim 2, characterized in,

that the policy control means (18) selects the current migration policy of a mobile agent (3) depending on weighting parameters of the provided policies.

B1

7. (Previously Presented) Mobile agent system (1) according to claim 2, characterized by

user input means (21) for inputting a migration policy which is taken as the current migration policy for a mobile agent (3), whereby said policy control means (18) always returns to a normal mode for the next migration policy to be selected.

8. (Previously Presented) Mobile agent system (1) according to claim 2, characterized by

user input means (21) for inputting a migration mode for the mobile agent system (1), whereby said input migration mode is kept by said policy control means (18) until a new migration mode is input.

9. (Previously Presented) Mobile agent system (1) according to claim 1, characterized by

user operation means (22) for changing the allocated agent policy (8) of a mobile agent (3), and/or the system policy (11).

10. (Previously Presented) Mobile agent system (1) according to claim 1, characterized by

an application programming interface (13) connected to the migration control means (16) for retrieving the current parameters of the communication system.

11. (Previously Presented) Mobile agent system (1) according to claim 1, characterized in,

that said migration control means (16) decides on the basis of a comparison of the current migration policy of a mobile agent (3) and the current parameters of the communication system, if the migration of the mobile agent (3) is allowed, suspended or rejected.

12. (Currently Amended) Method for controlling a mobile agent system (1) in a communication unit of a communication system, ~~whereby~~ the mobile agent system (1) ~~includes~~ including at least one mobile agent (3), the method comprising:

defining an allocated agent policy (8), in which migration parameters of the respective mobile agent (3) are defined[[,]]; ~~and~~

controlling the migration behavior of a mobile agent (3) in the communication system ~~is controlled~~ on the basis of a current migration policy of the mobile agent (3) and current parameters of the communication system; and

selecting the current migration policy of the mobile agent on the basis of the allocated agent policy of the mobile agent and a system policy, which is a policy selected from a default system policy or an agent type specific policy.

13. (Currently Amended) Method for controlling a mobile agent system (1) according to claim 12, characterized by

storing a system policy (11), in which migration behavior parameters for mobile agents (3) of the mobile agent system (1) are defined~~, and~~

~~selecting the current migration policy of a mobile agent (3) on the basis of the allocated agent policy (8) of the mobile agent (3) and the system policy (11)~~.

B1

14. (Canceled)

15. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized in,

that current migration policy of a mobile agent (3) is selected depending on the type of the provided policies.

16. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized in,

that the current migration policy of a mobile agent (3) is selected depending on additional priority parameters of the provided policies.

17. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized in,

that the current migration policy of a mobile agent (3) is selected depending on weighting parameters of the provided policies.

18. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized in,

that upon inputting a migration policy which is taken as the current migration policy for a mobile agent (3), the agent system (1) always returns to a normal mode for the next migration policy to be selected.

B1

19. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized in,

that upon inputting a migration mode for the mobile agent system (1), said input migration mode is kept until a new migration mode is input.

20. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized by

providing a user operation means (22) for changing the allocated agent policy (8) of a mobile agent (3) and/or the system policy (11).

21. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized by

retrieving the current parameters of the communication system over an application programming interface (23).

22. (Previously Presented) Method for controlling a mobile agent system (1) according to claim 12, characterized by

deciding on the basis of a comparison of the current migration policy of a mobile agent (3) and the current parameters of the communication system, if the migration of the mobile agent (3) is allowed, suspended or rejected.